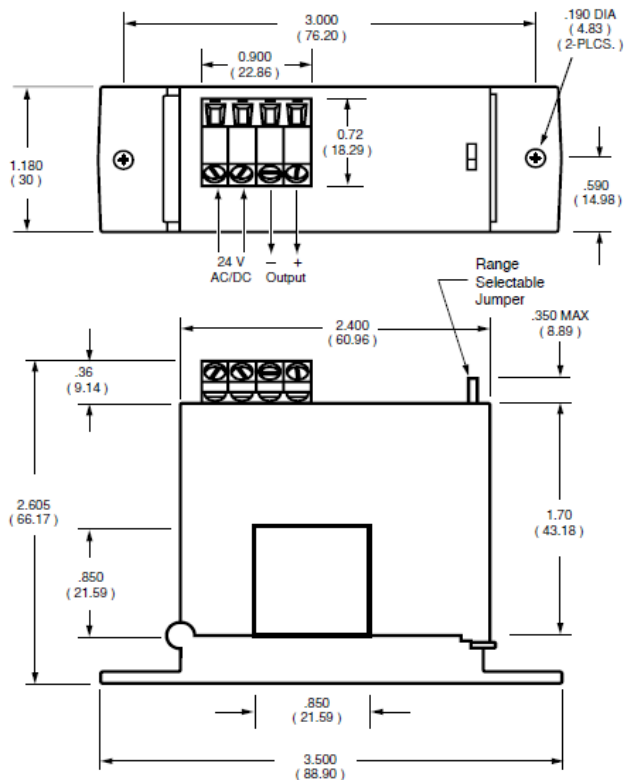


## Current sensors

# SCC and SCV



The SCC series provides either 4–20 mA or 0–20 mA unipolar output proportional to DC current. The SCV series provides either a 0–5 V or 0–10 V unipolar output proportional to DC current. The SCC and SCV clamp around existing wiring for easy installation. All models work with AC or DC operating voltage. All models are panel mounted, feature jumper range selection and are UL listed.



### Features

- Jumper selectable ranges
- Split core for easy installation
- Wide supply voltage range
- Output scaling for common data acquisition systems

### Features

- Sense broken belts on motors
- Detect open heater strips
- Sense clogged air filters
- Detect burned out navigation lights
- Operational status of fans, motors, and pumps

### Contact

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## Current sensors

# SCC and SCV

### Specifications

<u>Model:</u>	<u>SCC-100/200/300C</u>	<u>SCC-100/200/300P</u>	<u>SCV-100/200/300L</u>	<u>SCV-100/200/300H</u>
Supply voltage	20 – 50 V DC or 22–38 V AC RMS			
Supply current	80 mA			
Output polarity	Unipolar for + or – current			
Output	0–20 mA	4–20 mA	0–5 V DC	0–10 V DC
Load resistance	0	0	250 kΩ	250 kΩ
Maximum load resistance	650 Ω	650 Ω	n/a	n/a
Accuracy	1% F.S. (100 A + 200 A)		1.5% F.S. (300 A)	
Response time	100 ms			
Dielectric test	3 kV, 50/60 Hz, one minute			
Operating temperature range	–20° C to 50° C			
Storage temperature range	–30° C to 60° C			

#### Current ranges:

- 1) 50/75/100 A DC – SCC-100C , SCC-100P , SCV-100L , SCV-100H
- 2) 100/150/200 A DC – SCC-200C , SCC-200P , SCV-200L , SCV-200H
- 3) 150/225/300 A DC – SCC-300C , SCC-300P , SCV-300L , SCV-300H

Note: Due to continuous process improvement, specifications are subject to change without notice